Presentation No. Seventeen

AUTOMATED QUALITY CONTROL

Dr. F. S. Bryant

ACCURAY CORPORATION

Available: Transcript - Yes
Pre-conference excerpt - No

Dr. Bryant's talk stressed the importance of achieving a quality product within acceptable costs. By graphs and tables he illustrated how a controlled cigarette maker can achieve annual net savings of $33,500 by having a standard deviation of 18 mg, a target weight reduction per cigarette of 12.6 mg and a rejection for light weight of 1.07 percent. He also explained relative to the quality picture, that systems are available to detect various cigarette defects such as holes, protruding stems, cork wrap flags, etc. He explained that the quality of inspection and detection required with a complex product, manufactured at today's speeds, can only be accomplished with automated systems.

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Presentation No. Eighteen

TRENDS IN CIGARETTE & FILTER INSTRUMENTATION

Mr. K. O. Holland

FILTRONA INSTRUMENTS & AUTOMATION LTD.

Available: Transcript - Yes
Pre-conference excerpt - No

Mr. Holland used a series of slides, with accompanying comments. His transcript contains the comments but no illustrations to substitute for the slides. Basically his argument presents the advantages of microprocessors and computers over earlier methods of measuring pressure drop, circumference, permeability etc. with the off site computer handling control, analysis and adjustment of on site instruments. Future computers may self diagnose and instruct correction steps.

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